

The Commonwealth of Massachusetts

BOSTON STATE  
COLLEGE



SUMMER 1969

*Program of  
Continuing Studies*

JUNE 30 - AUGUST 8, 1969

**COMMONWEALTH OF MASSACHUSETTS**

**Division of State Colleges**

**DR. FRANCIS X. GUINDON, Director**

**BOSTON STATE COLLEGE**

**DR. JOHN J. O'NEILL, President**

## GENERAL INFORMATION

The courses announced in this bulletin are offered by the Massachusetts Division of State Colleges in cooperation with Boston State College. The Division of State Colleges reserves the right to cancel any course which does not have the minimum of 20 enrollments.

Both graduate and undergraduate courses are offered: Courses carrying undergraduate credit only are numbered in the 7000 series; courses carrying both graduate and undergraduate credit are numbered in the 8000 series; courses carrying graduate credit only are numbered in the 9000 series.

## REGISTRATION

Registration for the 1969 Summer Session will be held on June 25, 26, and 27 from 9:00 a.m. to 5:00 p.m. There will be a limited period of late registration on June 30, July 1 and 2 from 12:30 p.m. to 1:30 p.m. Absolutely no registration accepted after July 2, 1969. Registration is in the Student Lounge, 2nd floor Kennedy Building. Classes begin Monday, June 30, and end on August 8, 1969.

## TUITION

Our bookkeeping operation cannot accommodate partial or installment payment of tuition or fees. Check or money order (no cash) for tuition and fees is needed at the time of registration. The tuition fee for residents of Massachusetts is \$18.00 per semester hour of credit; for non-residents \$25.00 per semester hour of credit; and for auditors \$11.00 per semester hour (both resident and non-resident). A registration fee of \$2.50 is required of all students.

A fee of \$2.00 is required for all late registrations or any change of registration, except when a course is cancelled. A registration fee of \$2.50 is required of all students including veterans. Under no circumstances will any of the registration fees be refunded, except when a course is cancelled. ALL TUITION AND FEES ARE DUE THE DAY OF REGISTRATION AND ARE PAYABLE IN CHECK OR MONEY ORDER ONLY.

## VETERANS

Any resident of Massachusetts who has served in any branch of the armed services for at least 90 days, one of which must have been served either between September 16, 1940 and December 31, 1946, or between June 25, 1950 and January 31, 1955 and who has a discharge other than dishonorable may enroll without charge for instruction in any course here offered within the established limitation of 120 semester hours. To establish his eligibility, the veteran must present his discharge (or a photostatic copy) or certificate of satisfactory service in the case of officers, together with proof of residence, in advance of the opening date of class meeting.

## CREDIT

Regulations and requirements for degree study may be obtained at the office of the Director of Continuing Studies, Boston State College. It is urgently recommended that the guidance and advice of the Director be sought and faithfully followed in planning a program of study. For teachers in service, a maximum of six semester hours per semester may be credited toward a degree.

If you have not previously registered in Continuing Studies at Boston or have not taken a course since the summer of 1966 please fill out an IBM information form in Room 109A at least two weeks prior to the registration dates.

If you expect to receive graduate credit for your courses you must have a complete official undergraduate transcript on file in Room 109A. No transcript will be issued unless such undergraduate record is on file. This is applicable also to graduates of Boston State College.

Students are allowed three absences during the Summer session. This regulation will be strictly enforced.

Library cards will be issued in the library.

There is no public address system in the College so please make certain any messages for you are of an **emergency** nature.

Under no circumstances may courses be changed after the third meeting.

Under no circumstances may the academic status be changed after the third meeting e.g. from credit to audit etc.

Graduate students who accumulate more than six (6) semester hours of grade C or below must withdraw from the program leading to the Master's Degree in Education.

All candidates entering the Master of Education program must take **Research and Evaluation** during the first semester of session of graduate study.

The degree of Master of Education is awarded at the Boston State College, Bridgewater (including Hyannis Summer Session), Fitchburg, Framingham, North Adams, Salem, Westfield and Worcester. Graduate courses in partial fulfillment of the requirements for this degree may be offered from time to time in the other State Colleges and the Massachusetts College of Art.

The following are the regulations governing the program leading to the degree of Master of Education in the Division of Continuing Studies at Boston State College:

### Effective September 1, 1966

- I. Requirements for matriculation in the Master of Education program:
  - a. A Bachelor's degree from an accredited college.



- b. The Committee of Admission to the Graduate program reserves the right to prescribe successful completion of further undergraduate study for those candidates whose Bachelor preparation is not adequate for a graduate program.
- c. The following credentials must be submitted to the office of Continuing Studies.
  - 1. An official application.
  - 2. An official copy from the Educational Testing Service of the candidate's scores in the Aptitude Test of the Graduate Record Examination.
  - 3. An official transcript of record for all prior collegiate study.

II. A total of thirty-three (33) semester hours of successful study within a planned program is required for the Master of Education degree.

III. Candidates must complete the following minimum requirements to be eligible for the degree:

- a. Research and Evaluation (must be taken during the first semester or session of Graduate Study).
- b. Advanced Philosophical Foundations of Education.
- c. Advanced Psychological Foundations of Education.
- d. A minimum of 15 semester hours in the area of Education is required.
- e. A concentration of at least 15 semester hours in one of the following areas is required:
  - 1. Elementary Education.
  - 2. Guidance.
  - 3. Administration or Supervision.
  - 4. An Academic Area.
  - 5. A Specialized Area as determined through consultation with the Director of Continuing Studies.

#### IV. General Policies

- a. The quantitative requirements for the degree shall be thirty-three (33) semester hours. A thesis may be required. Before being eligible to receive the degree, the student must pass a comprehensive examination. A candidate who fails the comprehensive examination shall be given only one further opportunity to take it.

- b. All the work for the degree must be completed within a period of six (6) years.
- c. Of the thirty-three (33) semester hours of credit required, twenty-seven (27) must be earned in graduate courses taken on the campus of the State College at which the degree is to be granted. Courses taken for graduate credit in any college other than the college granting the degree must be approved in advance.
- d. Students will be marked on the basis of A, B, C, F, W (Withdraw), Inc. (Incomplete), or Aud. (Audit). Graduate students who accumulate more than six (6) semester hours of grade C or below, must withdraw from the program. Students may withdraw from a course without penalty and receive the grade of W up to the mid-semester examination. Withdrawals are not permitted after the mid-semester examination, except for due cause. If for any reason a student must withdraw from class, a written notice and explanation must be filed immediately with the office of Continuing Studies. Telephone calls are not accepted as notifications of withdrawals. If a student does not take the final examination or fails to submit a term paper the grade will be recorded as Inc. (Incomplete). If the incomplete grade is not cleared in one semester, the course grade becomes F.
- e. For full-time teachers not more than six (6) semester hours of credit per semester may be credited toward the graduate degree.
- f. One semester hour of credit per week of summer session is considered to be a normal load.
- g. Successful practice teaching under college supervision or successful classroom teaching experience is required before the degree of Master of Education will be awarded.
- h. Students are allowed three absences during the semester. This regulation will be strictly enforced.
- i. Under no circumstances may courses or academic status (e.g. from credit to audit, etc.) be changed after the third meeting.

Those persons who qualify for student-teaching must make application for student-teaching prior to the listed dates of registration and pay the tuition at that time.

# SCHEDULE OF CLASSES

Classes meet daily at 8:00 A.M., 9:30 A.M. and 11:00 A.M.

First class meets on Monday, June 30, 1969

8:00—9:15 A.M.

Course Number and Title

Instructor

## REQUIRED EDUCATION

|         |   |             |
|---------|---|-------------|
| SS8000  | Psychological Foundations of Education          | C. Budrose  |
| SS8001  | History of Educational Thought                  | J. Wallach  |
| SS9000  | Research and Evaluation                         | P. Sullivan |
| SS9001  | Advanced Psychological Foundations of Education | J. Solin    |
| SS9001A | Advanced Psychological Foundations of Education | D. Haughey  |
| SS9002  | Advanced Philosophical Foundations of Education | E. Flynn    |

## HISTORY—GOVERNMENT—ECONOMICS

|        |                               |              |
|--------|-------------------------------|--------------|
| SS7101 | Western Civilization I        | G. Burke     |
| SS7103 | American History I            | M. Anciello  |
| SS8860 | Introduction to Law           | A. Lake      |
| SS8885 | Principles of Economics       | A. Jacobs    |
| SS9863 | Urban Government and Politics | D. Sudhalter |
| SS9881 | War in the Modern World       | J. Moon      |

## GEOGRAPHY

|        |                     |          |
|--------|---------------------|----------|
| SS8652 | Weather and Climate | J. Jones |
|--------|---------------------|----------|

## GUIDANCE

|        |   |              |
|--------|---|--------------|
| SS8400 | Principles of Guidance                                  | E. Donnelly  |
| SS8404 | Occupational Information                                | P. Natale    |
| SS9400 | Counseling  | R. Patterson |
| SS9403 | Organization and Administration of the Guidance Program | H. Young     |

## ADMINISTRATION

|        |   |            |
|--------|---|------------|
| SS8303 | Data Processing for School Personnel                      | M. Ryan    |
| SS8304 | The Role of the School Committee in School Administration | P. Donovan |
| SS9300 | School Administration                                     | B. Shulman |
| SS9301 | Secondary School Administration                           | W. Reid    |
| SS9307 | Supervision in Modern School                              | A. Gavin   |

## ENGLISH

|        |  |           |
|--------|--|-----------|
| SS8502 | The Modern Novel   | T. Lally  |
| SS8503 | American Literature: A Survey from 1800 to the Civil War | R. Tyrell |
| SS8522 | Introduction to Folklore                                 | L. Morley |
| SS8528 | Introduction to Medieval English Literature              | F. Danker |

## MATHEMATICS

|        |                                    |             |
|--------|------------------------------------|-------------|
| SS8204 | Mathematics for Junior High School | G. Paquette |
| SS8207 | Algebra for Elementary Teachers    | J. Callahan |

## PSYCHOLOGY

|        |                  |            |
|--------|------------------|------------|
| SS8706 | Child Psychology | R. Gilbert |
|--------|------------------|------------|

## SCIENCE

|        |                      |            |
|--------|----------------------|------------|
| SS7000 | Physical Sciences I  | J. O'Brien |
| SS7001 | Physical Sciences II | N. Lembo   |

Each course carries three (3) semester hours of credit.

**8:00—9:15 a.m.**

**Course Number and Title**

**Instructor**

|        |                                |             |
|--------|--------------------------------|-------------|
| SS7002 | General Biology I              | F. Veale    |
| SS8200 | Science in Elementary School I | F. McCarthy |
| SS8654 | Ecology                        | L. Colt     |

**EDUCATION**

|        |  |                |
|--------|--|----------------|
| SS8010 | Methods and Materials in the Elementary School | J. Phelan      |
| SS8061 | Curriculum Development in Secondary School     | C. Clarke      |
| SS8130 | Kindergarten I                                 | M. O'Callaghan |
| SS8152 | Reading in the Elementary School I             | M. Durant      |
| SS8241 | Art for the Classroom Teacher                  | J. Cody        |

**9:30—10:45 a.m.**

**Course Number and Title**

**Instructor**

**REQUIRED EDUCATION**

|         |   |                |
|---------|---|----------------|
| SS8000A | Psychological Foundations of Education          | C. Budrose     |
| SS8001A | History of Educational Thought                  | M. Foley       |
| SS9000A | Research and Evaluation                         | P. Sullivan    |
| SS9000B | Research and Evaluation                         | J. Santosuosso |
| SS9001B | Advanced Psychological Foundations of Education | V. Cristiani   |
| SS9001C | Advanced Psychological Foundations of Education | B. Stotsky     |
| SS9002A | Advanced Philosophical Foundations of Education | E. Flynn       |
| SS9002B | Advanced Philosophical Foundations of Education | J. O'Neill     |

**HISTORY—GOVERNMENT**

|        |  |              |
|--------|--|--------------|
| SS8809 | United States in the Twentieth Century   | J. Moon      |
| SS8810 | United States Diplomatic History         | R. Kowalski  |
| SS8822 | History of Eastern Europe 1815-1939      | M. Anciello  |
| SS8823 | Government and Politics of The Near East | D. Sudhalter |
| SS8825 | History of Soviet Russia                 | R. Dunbar    |
| SS8861 | Massachusetts Government                 | A. Lake      |

**GEOGRAPHY**

|        |                         |           |
|--------|-------------------------|-----------|
| SS8840 | Urban Geography         | J. Jones  |
| SS8846 | Introduction to Geology | R. Spayne |

**GUIDANCE**

|         |                                 |           |
|---------|---------------------------------|-----------|
| SS8400A | Principles of Guidance          | A. Pompeo |
| SS8404A | Occupational Information        | P. Natale |
| SS9400A | Counseling: Theory and Practice | H. Young  |

**ADMINISTRATION**

|         |                          |             |
|---------|--------------------------|-------------|
| SS9300A | School Administration    | W. O'Connor |
| SS9305  | Massachusetts School Law | J. Nolan    |

**ENGLISH**

|        |                                |           |
|--------|--------------------------------|-----------|
| SS8504 | American Literature Since 1865 | R. Tyrell |
| SS8509 | Modern Short Story             | T. Lally  |

**MATHEMATICS**

|        |   |             |
|--------|---|-------------|
| SS8203 | Elementary School Mathematics Workshop              | J. Callahan |
| SS8614 | Foundations of Euclidean and Non-Euclidean Geometry | G. Paquette |
| SS8619 | Mathematical Discovery                              | E. McCarthy |
| SS8620 | Introduction to Number Theory                       | R. Freyre   |

Each course carries three (3) semester hours of credit.



**9:30—10:45 a.m.**

**Course Number and Title**

**Instructor**

**PSYCHOLOGY**

|        |                                  |            |
|--------|----------------------------------|------------|
| SS8703 | Abnormal Psychology              | J. Conners |
| SS8708 | The Wechsler Intelligence Scales | D. Haughey |

**SCIENCE**

|        |                                 |               |
|--------|---------------------------------|---------------|
| SS8201 | Science in Elementary School II | F. McCarthy   |
| SS8650 | General College Physics I       | M. Temple     |
| SS8663 | General Botany                  | L. Colt       |
| SS8665 | Astronomy                       | R. Warren     |
| SS8670 | Parasitology                    | J. Kunnenkeri |

**EDUCATION**

|        |  |                |
|--------|--|----------------|
| SS8011 | Methods and Materials in the Elementary School | A. Gavin       |
| SS8012 | Methods in Secondary Education                 | H. Malick      |
| SS8131 | Kindergarten II                                | M. O'Callaghan |
| SS8153 | Reading in Elementary School II                | M. Durant      |
| SS8165 | Language Arts in Primary Grades                | M. Boylan      |
| SS8255 | Social Studies Methods in Elementary School    | P. Miller      |
| SS8256 | Social Studies Methods in Secondary School     | W. Hennessey   |
| SS8902 | Arts and Crafts for the Elementary School      | J. Cody        |

**11:00 a.m.—12:15 p.m.**

**Course Number and Title**

**Instructor**

**REQUIRED EDUCATION**

|         |   |                |
|---------|---|----------------|
| SS8000B | Psychological Foundations of Education          | J. Solin       |
| SS9000C | Research and Evaluation                         | J. Santosuosso |
| SS9001D | Advanced Psychological Foundations of Education | V. Cristiani   |
| SS9002C | Advanced Philosophical Foundations of Education | J. O'Neill     |
| SS9002D | Advanced Philosophical Foundations of Education | H. Malick      |

**HISTORY—GOVERNMENT—ECONOMICS**

|        |   |             |
|--------|---|-------------|
| SS7102 | Western Civilization II                   | M. Foley    |
| SS7104 | American History from 1877                | R. Dunbar   |
| SS7105 | American Government                       | R. Kowalski |
| SS8824 | Nineteenth Century Europe                 | G. Burke    |
| SS8863 | Massachusetts: Its History and Government | W. Reid     |
| SS8887 | Current Economic Problems                 | A. Jacobs   |

**GEOGRAPHY**

|        |                            |           |
|--------|----------------------------|-----------|
| SS8847 | Principles of Oceanography | R. Spayne |
|--------|----------------------------|-----------|

**GUIDANCE**

|         |                               |              |
|---------|-------------------------------|--------------|
| SS8400B | Principles of Guidance        | A. Pompeo    |
| SS8401  | Pupil Personnel and Placement | R. Patterson |

**ADMINISTRATION**

|         |                                     |              |
|---------|-------------------------------------|--------------|
| SS9300B | School Administration               | W. O'Connor  |
| SS9308  | Case-Method Study of Administration | W. Hennessey |

**ENGLISH**

|        |                             |           |
|--------|-----------------------------|-----------|
| SS8160 | Literature for Children     | L. Morley |
| SS8529 | Major Renaissance Dramatics | F. Danker |

**MATHEMATICS**

|        |   |             |
|--------|---|-------------|
| SS8601 | The Number System for Elementary Teachers I | E. McCarthy |
| SS8621 | Set Theory and Logic                        | R. Freyre   |

Each course carries three (3) semester hours of credit.

**11:00 a.m.—12:15 p.m.**

**Course Number and Title**

**Instructor**

**PSYCHOLOGY**

|        |   |            |
|--------|---|------------|
| SS8701 | Educational Psychology  | P. Miller  |
| SS8702 | Adolescent Psychology   | R. Gilbert |
| SS8705 | Theories of Personality   | J. Conners |
| SS8709 | Etiology, Dynamics and Treatment of Emotionally Disturbed Child | B. Stotsky |

**SCIENCE**

|         |   |            |
|---------|---|------------|
| SS7000A | Physical Sciences I   | R. Warren  |
| SS7001A | Physical Sciences II  | J. O'Brien |
| SS7003  | General Biology II  | F. Veale   |
| SS8202  | Science in the Secondary School                             | M. Temple  |
| SS8669  | General Chemistry I   | N. Lembo   |
| SS8845  | Conservation of Natural Resources for the Classroom Teacher | C. Clarke  |

**EDUCATION**

|         |  |             |
|---------|--|-------------|
| SS7201  | General Philosophy                                       | J. Wallach  |
| SS8012A | Secondary School Methods                                 | M. Ryan     |
| SS8150  | Methods of Teaching English in Secondary School I        | P. Donovan  |
| SS8162  | Reading in the Primary Grades                            | M. Boylan   |
| SS8166  | Language Arts in Intermediate Grades                     | J. Phelan   |
| SS8273  | Special Class Methods for Emotionally Disturbed Children | L. Hardison |

Each course carries three (3) semester hours of credit.

## **COURSE DESCRIPTIONS**

Each of these courses satisfies the requirements of the Division for credit toward the degrees awarded at the State Colleges within the limitations of the published regulations.

**Each course carries three (3) semester hours of credit.**

**All courses begin June 30 and terminate August 8, 1969.**

**8:00—9:15 a.m.**

### **REQUIRED EDUCATION**

**SS8000 Psychological Foundations of Education**  
Charles R. Budrose, Assistant Professor,  
Boston State College

This course covers the theoretical aspects of psychology for the classroom teacher. It includes a systemic analysis of the major schools of psychology and a study of the effects of heredity and environment. Reading in the following areas will be required: results of research on growth and development, theories of intelligence, concepts in measurement and evaluation, individual differences in capacity and achievement and learning theory.

**SS8001 History of Educational Thought**  
John M. Wallach, Instructor,  
Boston State College

This course is an historical approach to the study of educational thought and includes an examination of primary education concepts which have evolved through western thought to the present day. Selections from the great documents in educational thought are studies in relation to the historical period in which they were produced. The student is expected to read and analyze the original contributions of the major educational philosophers.

**SS9000 Research and Evaluation**  
Paul G. Sullivan, Associate Professor,  
Boston State College

This course will stress the use of appropriate research methods in the selection and evaluation of data. It is designed to aid teachers in the preparation and understanding of educational research reports. Points of emphasis will include the nature of research, library technique and resources, selection and delimitation of problems, documentation, organization and format of a report, appraisal of educational literature, necessary statistical concepts and methods of research. The student will be expected to demonstrate his knowledge of these in a term paper.

8:00—9:15 a.m.

**SS9001    Advanced Psychological Foundations of Education**  
John F. Solin, Assistant Professor, Boston State College

An advanced course concerned with the psychological principles and theories concerned with the educative process in the normal classroom situation. Emphasis is focused upon classroom personalities, leadership and group formation, group dynamics, classroom control and delinquent behavior, role playing techniques, personal adjustment, and the problems of the socially disadvantaged. Supplementary research readings included.

**SS9001A   Advanced Psychological Foundations of Education**  
David W. Haughey, Professor, Boston State College  
See Description for SS9001

**SS9002    Advanced Philosophical Foundations of Education**  
Elizabeth D. Flynn, Associate Professor,  
Boston State College

A description of the philosophical trends, which have affected education in the past 80 years. It includes Pragmatism, Idealism, Realism, Existentialism, Logical Analysis.

## **HISTORY—GOVERNMENT—ECONOMICS**

**SS7101    Western Civilization I**  
Gerard F. Burke, Assistant Professor,  
Boston State College

An intensive survey of western history, social, economic and political from the fall of Rome to the rise of European National States.

**SS7103    American History I**  
Michael S. Anciello, Instructor, Boston State College

This course is designed to survey the history of American Civilization from the American Revolution to 1877. Particular attention will be given to political, social, economic and cultural factors.

**SS8860    Introduction to Law**  
Ann W. Lake, Assistant Professor,  
Boston State College

A study of judicial organization and procedure. Contractual obligations, property law, administration of estates, organization of business enterprises, principles of civil recovery, domestic relations, and criminal offenses.

**SS8885    Principles of Economics**  
Aaron F. Jacobs, Assistant Professor,  
Boston State College

The study of how society allocates its scarce goods and services to meet various human wants and needs.



8:00—9:15 a.m.

**SS9863 Urban Government and Politics**

David L. Sudhalter, Professor, Boston State College

This course is suitable for urban teachers. Principal goals are to understand the black power movement, the role of politics, planning, community control and disorders. The role of legal controls, such as law enforcement will also be discussed.

**SS9881 War in the Modern World**

John E. Moon, Associate Professor, Boston State College

This course will trace the development of war through the 19th and 20th century, stressing the impact of Nationalism, Industrialization and nuclear energy upon the institutions and techniques of warfare. The emphasis will fill up the relationship of war to human society and to the evolution of Western Civilization in the modern world.

## **GEOGRAPHY**

**SS8652 Weather and Climate**

James P. Jones, Professor, Boston State College

An introductory analysis of weather elements and atmospheric behavior, including a study of extratropical circulations and frontal systems, tornadoes and hurricanes, and some aspects of weather forecasting. Climatic controls, climatic elements and world climatic regions are also studied. Specific applications of knowledge of weather and climate conclude the course.

## **GUIDANCE**

**SS8400 Principles of Guidance**

Edward J. Donnelly, Assistant Professor and Director of the Division of Instructional Media,  
Northeastern University

This is an introductory course designed to provide the student with an understanding of the need, meaning, and scope of guidance services. The principles and practices involved in the following guidance areas will be considered: Introduction and philosophy of guidance; understanding the individual and his needs; essential orientation activities for the student; collecting, recording, and evaluating data; interviewing and counseling; guidance through group activities; placement and follow-up activities; organization and evaluation of guidance.

8:00—9:15 a.m.

**SS8404 Occupational Information**

Philip W. Natale, Associate Professor,  
Boston State College

An examination of the distributive function of guidance information, both occupational and educational. The course will investigate materials appropriate for the various grade levels. Methods of presentation will be evaluated. Individual and group approaches will be studied. Consideration will be given to the necessity of a realistic assessment of abilities and personality characteristics and their relationship to career planning.

This course fulfills one of the requirements for certification as a guidance counselor.

**SS9400 Counseling**

Robert A. Patterson, School Counselor  
Muzzey Junior High School, Lexington

This course will examine theories and practices of counseling in a school setting. The role of the teacher in counseling at the various levels of the school system will be discussed, as well as that of professional guidance personnel. The process of the interview and the case-study will be related to the educational, vocational and personal guidance of pupils.

**SS9403 Organization and Administration of the Guidance Program**

Henry N. Young, Assistant Professor,  
Boston State College

The purpose of this course is to acquaint the classroom teacher with the problems involved in the establishment of guidance programs at the elementary and secondary school levels, and an exploration of possible solutions to these problems. Criteria for the evaluation of these programs and factors involved in their effective continuance will receive full consideration.

## **ADMINISTRATION**

**SS8303 Data Processing for School Personnel**

M. James Ryan, Instructor, Boston State College

An introduction to Data Processing for the School Administrator, Guidance Counselor, and Classroom Teacher. The course is intended to introduce Data Processing equipment and terminology, Data Management, a Programming Language, and Computer Concepts, emphasizing their relationship to secondary school curriculum.

8:00—9:15 a.m.

**SS8304     The Role of the School Committee in School Administration**

Paul M. Donovan, Principal, Boston

The history and the development of the School Committee as an integral part of the American process will be studied. Attention will be given to the School Committee's responsibility in the following areas: organization, appointment of personnel, curriculum, school construction, finance, Federal and State aid, lunch programs, pupil transportation, ethics, meetings, and school population.

Particular emphasis will be placed on Society's ever-increasing transfer of responsibilities to the "schools," and the subsequent need of the School Committee to develop curriculum to meet the challenge.

**SS9300     School Administration**

Bernard H. Shulman, Principal,

John W. McCormack School, Boston Public Schools

This course will introduce those aspects of administrative practice which result from current thought and research findings. Both a case study and in-basket approach will be utilized to explore decision making on both a school and school system level. Students will play a part in designing the case studies most pertinent to their administrative needs.

Organization for instruction in team teaching, team learning, non-gradedness, Middle School and Innovative programs for the Secondary School will be discussed. The dynamics of planned change will be investigated throughout the course.

**SS9301     Secondary School Administration**

William J. Reid, Head Master, South Boston High School

A study of current practices and major trends in educational administration. The problems involved in organizing, administering and supervising a secondary school will be stressed. Consideration will be given to the responsibility of the administrator and teacher as educational leaders as well as the detailed duties of a secondary school principal.

**SS9307     Supervision in Modern School**

Ann M. Gavin, Professor, Boston State College

This course is designed as an introductory course in supervision for teachers, school administrators, and supervisors of both the elementary and secondary levels. Significant topics included in the course are: concepts of supervision; principles of supervision;



8:00—9:15 a.m.

organization for supervision; group process; techniques of supervision; and the evaluation and improvement of instruction, curriculum, and the supervisory program. Opportunities will be provided for concentrated study and application of the materials of the course to elementary, secondary, or special subject work. This course or its equivalent is prerequisite for all advanced courses in supervision.

## ENGLISH

### SS8502    **The Modern Novel**

Thomas J. Lally, Assistant Professor,  
Boston State College

The purpose of this course is to develop an appreciation of modern literature and its trends. Among the chief novelists since 1890 that will be discussed are Hardy, Galsworthy, Joyce, Wolfe, and Greene.

### SS8503    **American Literature: A Survey from 1800 to the Civil War**

Richard S. Tyrell, Associate Professor,  
Boston State College

This course will offer background in the literature and cultural history of America for teachers at the elementary and secondary levels.

### SS8522    **Introduction to Folklore**

Linda P. Morley, Instructor, Boston State College

An introductory study of the major forms of folklore including the folktale, myth, legend, folksong, riddles, superstitions, proverbs, and children's folklore. Readings will be in English from selected folk literature around the world.

### SS8528    **Introduction to Medieval English Literature**

Frederick E. Danker, Assistant Professor,  
Boston State College

A close reading of the various types of literature (religious and secular, lyric, romance, fabliau, drama, ballad) prominent in England from the Norman Conquest in 1066 to the beginnings of the Renaissance around 1500. Major emphasis on narrative traditions in *Sir Gawain and the Green Knight*, Malory's *Morte D'Arthur*, Chaucer's *Canterbury Tales*, and the ballad. All selections read in modernizations. Some consideration of how this literature might be taught in the secondary schools.



8:00—9:15 a.m.

## MATHEMATICS

### SS8204 Mathematics for Junior High School

Gerard A. Paquette, Associate Professor,  
Boston State College

The mathematical content provides a review of the fundamentals of arithmetic with emphasis on number systems. Number systems are treated from an algebraic viewpoint to deepen the student's understanding of arithmetic and prepare him for algebra. Other topics include an informal treatment of coordinates and equations, per cent applications, graphs, probability and extensive treatment of geometry from an informal, deductive approach.

### SS8207 Algebra for Elementary Teachers

John J. Callahan, Assistant Professor,  
Boston State College

The course, for teachers of "Elements of Arithmetic," (Grades K-6) is recommended by the Committee on the Undergraduate Program in Mathematics (CUPM).

The course is concerned with basic ideas and structure of algebra, including equations, inequalities, positive and negative numbers, absolute value, graphing of truth sets of equations and inequalities examples of finite algebraic systems to emphasize the structure of algebra as well as simple concepts and language of sets.

## PSYCHOLOGY

### ✓ SS8706 Child Psychology

Raymond R. Gilbert, Professor, Boston State College

The course presents a systemic, integrative, and interpretive description of the psychological development of children from birth through adolescence. Emphasis is placed on the material, personal, social and cultural context of behavior and development with the goal of understanding childhood and the development of children, especially how things appear to the child himself. Childhood is presented both as an embodiment of general principles of behavior and development and as a period on which adulthood is founded.

## SCIENCE

### SS7000 Physical Sciences I

James J. O'Brien, Assistant Professor,  
Boston State College

This course is designed to acquaint the student with the contributions and the place of science in contemporary civilization. Specifically designed for the student who will not major in science, the course attempts to show what science is and what it purports

8:00—9:15 a.m.

to do. In this portion of the course, selected topics from physics are studied from the points of view of their historical origin, their development and the influences which they had on modern society.

**SS7001 Physical Sciences II**

Nicholas J. Lembo, Associate Professor,  
Boston State College

A continuation of the course Physical Sciences I; in this part of the course selected topics from the fields of chemistry and astronomy are studied with the same points of view in mind as in the preceding course.

**SS7002 General Biology I**

Francis J. Veale, Associate Professor,  
Boston State College

Basic principles and problems essential to an understanding of life processes. Lectures and discussions are integrated to broaden the concepts gained from laboratory work.

**SS8200 Science in Elementary School I**

Francis W. McCarthy, Professor, Boston State College

This course is designed to aid classroom teachers at the elementary school level. The objectives of the science program at the elementary level will be discussed and illustrated by suitable demonstration, audio-visual aids and science texts. The course will be of value to the teacher who wishes to improve her program in science.

**SS8654 Ecology**

LeBaron C. Colt, Jr., Associate Professor,  
Boston State College

The interrelationships of plants and animals with their environment form the basis of this course. Biogeography, systematics, behavior, adaptation, and their effect on population and community structure will be correlated with the physical and chemical aspects of their environment.

## **EDUCATION**

**SS8010 Methods and Materials in the Elementary School**

Jean N. Phelan, Instructor, Boston State College

This course will deal with the organization and planning of course content in the elementary school. Background will be provided in the selection and utilization of instructional materials; classroom management; and a comparison, appraisal, and evaluation of teaching techniques. Application of general principles will be made in the light of accepted educational practices.

8:00—9:15 a.m.

**SS8061 Curriculum Development in Secondary School**  
Cleveland O. Clarke, Assistant Professor,  
Boston State College

This course will give a comprehensive survey of the development of the secondary school curriculum with particular reference to the community in which it functions and the nature of the student. Recent programs in curriculum development will be investigated and appraised. Such important topics as the gifted child, the drop-out student, financing curriculum innovations, and planning and proposing curriculum improvements will be treated in this course.

**SS8130 Kindergarten I**  
Margaret M. O'Callaghan, Kindergarten Teacher,  
Maurice Tobin School, Boston

Trends in kindergarten education—Behavior patterns of 5-year-old child—The kindergarten teacher—The learning environment—The different child—Creativity—Records and reports.

**SS8152 Reading in the Elementary School I**  
Mary C. Durant, Associate Professor,  
Boston State College

This is an introductory course in the teaching of reading for those who have not taken courses in reading. It will concern itself primarily with the modern reading program, materials of instruction, principles and practices of grouping, preparation of materials for classroom use, and evaluation of reading progress.

**SS8241 Art for the Classroom Teacher**  
John V. Cody, Associate Professor, Boston State College

A Studio workshop which will offer experience in dealing with the art materials, skills, and techniques valuable to the classroom teacher. Basic drawing, painting, lettering, and graphics constitute the topics considered in this course. Problems will be presented to develop the knowledge and skills for classroom needs. Enrollment limited to twenty-five.

9:30—10:45 a.m.

**REQUIRED EDUCATION**

**SS8000A Psychological Foundations of Education**  
Charles R. Budrose, Assistant Professor,  
Boston State College  
See Description for SS8000

9:30—10:45 a.m.

**SS8001A History of Educational Thought**

Maurice P. Foley, Jr., Associate Professor,  
Boston State College  
See Description for SS8001

**SS9000A Research and Evaluation**

Paul G. Sullivan, Associate Professor,  
Boston State College  
See Description for SS9000

**SS9000B Research and Evaluation**

John J. Santosuosso, Professor, Boston State College  
See Description for SS9000

**SS9001B Advanced Psychological Foundations of Education**

Vincent A. Cristiani, Professor, Boston State College  
See Description for SS9001

**SS9001C Advanced Psychological Foundations of Education**

Bernard A. Stotsky, Professor, Boston State College  
See Description for SS9001

**SS9002A Advanced Philosophical Foundations of Education**

Elizabeth D. Flynn, Associate Professor,  
Boston State College  
See Description for SS9002

**SS9002B Advanced Philosophical Foundations of Education**

John J. O'Neill, Associate Professor,  
Boston State College  
See Description for SS9002

## **HISTORY—GOVERNMENT**

**SS8809 United States in the Twentieth Century**

John E. Moon, Associate Professor, Boston State College

A study of the major political, social, and economic developments in America from 1920 to the present. Among the topics which will be considered are: the prosperous Twenties; the Great Depression; the New Deal; American participation in World War II; domestic affairs under the Truman, Eisenhower, Kennedy, and Johnson Administrations. Special emphasis will be placed upon the historical tendencies of Modern America.

**SS8810 United States Diplomatic History**

Ronald E. Kowalski, Instructor, Boston State College

A study of American Foreign relations during the Twentieth Century. The forces underlying international relations will be tied to the events as the course progresses through the period when the United States became a World Power.



9:30—10:45 a.m.

**SS8822 History of Eastern Europe 1815—1939**

Michael S. Anciello, Instructor, Boston State College

This course will survey the major historical developments of the countries of Eastern Europe from the Congress of Vienna to the outbreak of World War II.

**SS8823 Government and Politics of The Near East**

David L. Sudhalter, Professor, Boston State College

The background of the Arab-Israeli conflict will be analyzed from the viewpoint of the basic conflicts within each culture. Most of the contemporary Middle Eastern powers will be surveyed. The role of the great powers, such as the U.S.S.R., Great Britain, France and the United States will also be studied.

**SS8825 History of Soviet Russia**

Robert P. Dunbar, Associate Professor,  
Boston State College

A description and analysis of the major events and trends in Soviet Russia since 1917. Special attention will be paid to Russian Revolutionary thought and action, the role of Communist Ideology and the continuity of traditional Russian Nationalism.

**SS8861 Massachusetts Government**

Ann W. Lake, Assistant Professor, Boston State College

A study of state politics, organization and functions. The legislatures, executives, judicial systems, bureaucrats, and interest groups in the state and local governments; intergovernmental relations; and the role of state and local governments in the American system.

## **GEOGRAPHY**

**SS8840 Urban Geography**

James P. Jones, Professor, Boston State College

There is much controversy today over the question "Are our cities expanding or are they at a standstill?" This course will clarify such problems as the location of the urban area in relation to the suburbs and hinterlands, the problem of zoning, taxation problems, the growth of megalopolis, and the present land use patterns of the city as compared with future land use needs.

**SS8846 Introductory to Geology**

Robert W. Spayne, Associate Professor,  
Boston State College

The course will cover both physical and historical geology. Under physical geology, landforms, agents of erosion and deposition, the different types of rocks, and the most common minerals will be covered. Under historical geology, the geologic periods will

9:30—10:45 a.m.

be discussed, and the appropriate animal and plant life in each period will be covered. Fossils, minerals, topographic maps, film strips, and other aids will be used to clarify the students' concepts.

## GUIDANCE

### **SS8400A Principles of Guidance**

Alfred P. Pompeo, Guidance Director,  
Medford Public School  
See Description for SS8400

### **SS8404A Occupational Information**

Philip W. Natale, Associate Professor,  
Boston State College  
See Description for SS8404

### **SS9400A Counseling: Theory and Practice**

Henry N. Young, Assistant Professor,  
Boston State College  
See Description for SS9400

## ADMINISTRATION

### **SS9300A School Administration**

William E. O'Connor, Associate Professor,  
Suffolk University  
See Description for SS9300

### **SS9305 Massachusetts School Law**

Joseph R. Nolan, Assistant District Attorney,  
Suffolk County

The purpose of this course will be to acquaint teachers, supervisors and school administrators with the legal responsibilities and limitations placed on them by governing bodies. Such subjects as tenure, discipline, financial responsibility and state aid will be explored with reference to the legal implications involved.

## ENGLISH

### **SS8504 American Literature Since 1865**

Richard S. Tyrell, Associate Professor,  
Boston State College

A survey study of American Literature from Whitman to Faulkner. Important literary movements and trends will be studied and discussed.

9:30—10:45 a.m.

**SS8509 Modern Short Story**

Thomas J. Lally, Assistant Professor,  
Boston State College

The course will examine the artistry and social significance of short stories. Many different authors will be represented, including Edgar Allen Poe, Henry James, Katherine Anne Porter, and Eudora Welty.

**MATHEMATICS**

**SS8203 Elementary School Mathematics Workshop**

John J. Callahan, Assistant Professor,  
Boston State College

This course is designed for the Elementary Teacher who has little or no modern mathematics background. Construction and use of visual aids and manipulative devices will be stressed, that is, cuisinaire rods, abacus, overhead projector projectuals, three dimensional geometric models, and paper folding. A general survey of most of the new topics in mathematics will be attempted.

**SS8614 Foundations of Euclidean and Non-Euclidean Geometry**

Gerard A. Paquette, Associate Professor,  
Boston State College

The course illustrates and teaches the spirit of modern mathematics while using the subject of elementary geometry. A synthetic and axiomatic approach is used to introduce the Euclidean and non-Euclidean geometry. The course blends several aspects of mathematical thought: intuition, creativity, discovery, abstraction and rigorous deduction.

**SS8619 Mathematical Discovery**

Eugene F. McCarthy, Instructor, Boston State College

The course is concerned with problem solving from the heuristic point of view and analyzes generally the ways and means of discovery of problem solutions. The aim is an understanding of and improvement in problem solving and the means of teaching problem solving.

**SS8620 Introduction to Number Theory**

Raoul M. Freyre, Professor, Boston State College

The course includes elementary properties of integers, the Euclidean algorithm, divisibility, congruences and diophantine equations and the number-theoretic functions.

✓ **SS8703 Abnormal Psychology**

J. Edward Connors, Professor, Boston State College

This course is designed to give better understanding of community programs and resources for the prevention and control of



9:30—10:45 a.m.

mental disorders. The role of various community agencies in treating and preventing disorders such as psychoses, psychoneuroses, alcoholism, mental retardation, and drug addiction will be reviewed. Organization of federal, state, and local agencies and their organizational policies will be discussed. Attention will be given to current research, theory and practice for the prevention and control of mental disorders on a community-wide basis with special focus on rehabilitation methods. The school system will be considered an integral and important part of the community with responsibility for preventing mental illness and promoting sound mental health.

**SS8708    The Wechsler Intelligence Scales**

David W. Haughey, Professor, Boston State College

This course will discuss the two major Wechsler Scales—namely, Wechsler Adult Intelligence Scale (WAIS) and the Wechsler Intelligence Scale for Children (WISC). Each member of the course will be provided the opportunity to develop proficiency in the administration and interpretation of these two instruments. This course will be of value to classroom teachers, school psychologists and guidance personnel.

**SCIENCE**

**SS8201    Science in Elementary School II**

Francis W. McCarthy, Professor, Boston State College

This course will be an extension of Part I. Further topics considered in this portion of the course will include experimental methods of teaching, audio-visual materials, the field trip, the science fair and group projects. An attempt will be made to formulate some units of work in science which can be used by the classroom teacher. Separate registration for this part of the course will be possible.

**SS8650    General College Physics I**

Maurice Temple, Associate Professor,  
Boston State College

This is a non-calculus physics course directed primarily at non-science majors. The first semester concentration principally on the topic of mechanics. Included in this topic are discussions of kinematics, dynamics, energy concepts, and wave motion and also a short discussion of the special theory of relativity.

**SS8663    General Botany**

LeBaron C. Colt, Associate Professor,  
Boston State College

A general introduction to the plant kingdom—primarily a laboratory course designed to introduce the major life processes. Emphasis will be on the vascular plants.



**SS8665    Astronomy**

Richard D. Warren, Instructor, Boston State College

This course will be a descriptive treatment of the solar system and the stars with a minimum of mathematical analysis.

**SS8670    Parasitology**

John K. Kunnenkeri, Assistant Professor,  
Boston State College

A study of human and animal parasites belonging to the protozoan, helminth, and arthropod groups. Discussions will include morphology, life cycles, pathology, immunity, and control of parasites causing disease. Host parasite relationships and public health problems will also be discussed. In the laboratory emphasis will be placed on identification of the human parasites, adults, larvae, eggs etc.

Laboratory and lecture.

## **EDUCATION**

**SS8011    Methods and Materials in the Elementary School**

Ann M. Gavin, Professor, Boston State College

This course will deal with the organization and planning of course content in the elementary school. Background will be provided in the selection and utilization of instructional materials; classroom management; and a comparison, appraisal, and evaluation of teaching techniques. Application of general principles will be made in the light of accepted educational practice.

**SS8012    Methods in Secondary Education**

Herbert Malick, Professor, Boston State College

The most economical and effective teaching techniques applicable at Junior and Senior High School levels will be examined in the light of Secondary Education. Classroom organization and management for the establishment of the most effective atmosphere for optimum learning will also be evaluated.

**SS8131    Kindergarten II**

Margaret M. O'Callaghan, Kindergarten Teacher,  
Maurice Tobin School, Boston

The first day of kindergarten—Program making—Factors in reading readiness—Creative and Dramatic Arts—Audio-visual aids.

**SS8153    Reading in Elementary School II**

Mary C. Durant, Associate Professor,  
Boston State College

The purpose of this course will be to provide classroom teachers with the most modern techniques for developing and

improving reading skills in the elementary school. Clinical-diagnostic methods and instruments for identifying reading problems, and effective remedial procedures, will be presented for each elementary grade level. This course will also be of value to special education teachers, guidance personnel and school psychologists who are associated with the elementary school child.

**SS8165 Language Arts in Primary Grades**

Marie L. Boylan, Assistant Professor,  
Boston State College

This course is planned to help the primary teacher to improve teaching of language arts as creative tools of communication. Development of the skills of listening, handwriting, spelling, the mechanics of writing, good usage, an enriched vocabulary will be considered. Emphasis will be placed on the importance of literature. Methods and techniques which foster creative oral and written expression will be demonstrated and practiced.

**SS8255 Social Studies Methods in the Elementary School**

Perry Miller, Associate Professor, Boston State College

This course will examine social studies teaching in the elementary school from an inter-disciplinary point of view. That is, we will consider what needs to be taught in a modern program by examining the influences of social-behavioral and scientific change in our country today. We will discuss the role of traditional topics such as Columbus and the coming-of-the-pilgrims but, for example, we will not hesitate to carefully examine the role of topics such as drug abuse and sex education in the elementary school. This course will be of value to all school personnel workers regardless of speciality.

**SS8256 Social Studies Methods in Secondary School**

William F. Hennessey, Principal  
Woodrow Wilson Junior High School, Boston

The objectives of the social studies in the Secondary School; instruction in the various methods of teaching the social studies with special emphasis on the Problems Approach method. Techniques for the teaching of contemporary affairs and controversial subjects will be developed.

**SS8902 Arts and Crafts for the Elementary School**

John V. Cody, Associate Professor, Boston State College

The exploration of the uses of varied materials (wood, paper, metal, wire, paint, etc.) and their application in the area of the creative visual arts and crafts on the elementary school level.

**9:30—10:45 a.m.**

Stress will be on the unique and personalized expression of the individual student. Projects designed for suitability on the elementary school level. Enrollment limited to twenty-five.

**11:00 a.m.—12:15 p.m.**

## **REQUIRED EDUCATION**

**SS8000B Psychological Foundations of Education**

John F. Solin, Assistant Professor, Boston State College  
See Description for SS8000

**SS9000C Research and Evaluation**

John J. Santosuosso, Professor, Boston State College  
See Description for SS9000

**SS9001D Advanced Psychological Foundations of Education**

Vincent A. Cristiani, Professor, Boston State College  
See Description for SS9001

**SS9002C Advanced Philosophical Foundations of Education**

John J. O'Neill, Associate Professor,  
Boston State College  
See Description for SS9002

**SS9002D Advanced Philosophical Foundations of Education**

Herbert Malick, Professor, Boston State College  
See Description for SS9002

## **HISTORY—GOVERNMENT—ECONOMICS**

**SS7102 Western Civilization II**

Maurice P. Foley, Associate Professor,  
Boston State College

This course will stress the following major movements of the modern age: the enlightenment, the causes and course of the French Revolution, the "old" and "new" imperialism, the Age of Reaction, the industrial revolution, the ideological forces of the Nineteenth and Twentieth centuries, and the impact they made on Western Culture.

**SS7104 American History from 1877**

Robert P. Dunbar, Associate Professor,  
Boston State College

A study of political, economic, and social changes from 1877 to the present with special attention given to the rise of the United States as a world power.

11:00 a.m.—12:15 p.m.

**SS7105 American Government**

Ronald E. Kowalski, Instructor, Boston State College

An analysis of the structure and operation of the government of the United States. This course includes a study of the Constitution; the functioning of the executive, legislative, and judicial branches; the role of political parties; and the significance of the democratic heritage.

**SS8824 Ninetenth Century Europe**

Gerard F. Burke, Assistant Professor,  
Boston State College

Reaction, revolution and reform from Metternich to Bismarck; industrialization and scientific progress; emergence of nationalism, liberalism, socialism, and imperialism. National developments and international alliances.

**SS8863 Massachusetts: Its History and Government**

William J. Reid, Head Master, South Boston High School

This course will give the teacher an opportunity for a comprehensive study of both the history and the government of the Commonwealth. It will present the necessary background material for compliance with the state laws on the teaching of this subject.

**SS8887 Current Economic Problems**

Aaron F. Jacobs, Assistant Professor,  
Boston State College

An in-depth study of four major economics problems affecting this country and the world! Poverty, pollution, the underdeveloped nations and the balance of payments situation.

## **GEOGRAPHY**

**SS8847 Principles of Oceanography**

Robert W. Spayne, Associate Professor,  
Boston State College

The sea has always been a challenge, an opportunity and a mystery to man. From our earliest times man has attempted to understand the sea. The origin of the sea, her life, her economic importance, her geological processes, her destructive forces, her recreational facilities, her effect upon climate, and her importance to transportation are topics which will be studied in the light of our expanding universe.



## **GUIDANCE**

### **SS8400B Principles of Guidance**

Alfred P. Pompeo, Guidance Director,  
Medford Public Schools  
See Description for SS8400

### **✓ SS8401 Pupil Personnel and Placement**

Robert A. Patterson, School Counselor,  
Muzzey Junior High School, Lexington

This course will provide an understanding of the concept, structure, and content of pupil personnel services and of the adjustive and distributive goals. Emphasis will be placed on the coordination of special services to the student in school with the placement services to the student as he leaves school for employment or further education.

## **ADMINISTRATION**

### **SS9300B School Administration**

William E. O'Connor, Associate Professor,  
Suffolk University  
See Description for SS9300

### **SS9308 Case-Method Study of Administration**

William F. Hennessey, Principal  
Woodrow Wilson Junior High School, Boston

This new approach emphasizes learning TO administer instead of learning ABOUT administration. A variety of specific cases and situations are analyzed and the educator contributes to the solution, thereby gaining invaluable understandings and experiences through the examination of alternatives and the selection of a course of action.

## **ENGLISH**

### **SS8160 Literature for Children**

Linda P. Morley, Instructor, Boston State College

A course in the content of children's literature through grade eight. The categories treated are traditional tales (myths, folk tales, legends, fables), modern realistic stories, travel books, biographies, histories, nature writing, and volume of verse.

### **SS8529 Major Renaissance Dramatists**

Frederick E. Danker, Assistant Professor,  
Boston State College

Reading of the major plays of these contemporaries of and successors to Shakespeare: Marlowe, Jonson, Webster, Middleton, Beaumont and Fletcher, and Ford. Although the close reading of

11:00 a.m.—12:15 p.m.

texts will be the main concern, discussion of such topics as comparisons and contrasts to Shakespeare; the social, political, and cultural background; the change from Elizabethan to Jacobean society; the nature of tragedy, comedy, satire, and tragicomedy; staging; theaters; and the audience will be included.

## MATHEMATICS

### SS8601 The Number System for Elementary Teachers I

Eugene F. McCarthy, Instructor, Boston State College

The course, for teachers of "Elements of Arithmetic," (Grades K-6) is recommended by the Committee on the Undergraduate Program in Mathematics (CUPM).

The course is a study of the numbers used in elementary schools. Topics included are approximation, some elementary number theory including prime numbers, properties of even and odd numbers, and some arithmetic with congruences.

### SS8621 Set Theory and Logic

Raoul M. Freyre, Professor, Boston State College

The course includes symbolic logic, proofs, axiom systems, sets, cardinal and ordinal numbers, and induction.

## PSYCHOLOGY

### SS8701 Educational Psychology

Perry Miller, Associate Professor, Boston State College

This course will discuss the many factors that lead to and influence the ability or inability to learn in the classroom setting. We will look at such factors as intelligence, heredity, socioeconomic level and personality make-up. This course should be of value to teachers at all grade levels and also the wide variety of guidance specialists including remedial teachers, adjustment counselors and school psychologists. Our approach will be diagnostic and prescriptive.

### SS8702 Adolescent Psychology

Raymond R. Gilbert, Professor, Boston State College

Emphasis will be on the adolescent as he is seen by the classroom teacher and the problems that confront the teacher in directing his growth toward acceptable social standards. This course will stress the application of psychological principles to the pupil's adjustment to school, home, and community and the development of a well-integrated personality.

11:00 a.m.—12:15 p.m.

**SS8705 Theories of Personality**

J. Edward Connors, Professor, Boston State College

This course is designed to acquaint the graduate student with the major psychological theories explaining the formation, growth, and development of the human personality. A comparative study of fundamental concepts of biological, familial, and social determinants of personality functions is utilized in conjunction with practical exercises in the techniques of measurement and exploration of personality variables. Concentrated readings in source materials are used to supplement a systematic exposition of theory, including psycho-dynamic, personalistic, and trait approached to understanding human behavior.

**SS8709 Etiology, Dynamics and Treatment of  
Emotionally Disturbed Child**

Bernard A. Stotsky, Professor, Boston State College

This course will cover the development of various forms of emotional problems in children dealing with the role of family culture and biological forces. Various treatment techniques and their rationales will be discussed, selected readings will be assigned and invited speakers will present material on specialized topics from time to time.

**SCIENCE**

**SS7000A Physical Sciences I**

Richard D. Warren, Instructor, Boston State College

This course is designed to acquaint the student with the contributions and the place of science in contemporary civilization. Specifically designed for the student who will not major in science, the course attempts to show what science is and what it purports to do. In this portion of the course, selected topics from physics are studied from the points of view of their historical origin, their development and the influences which they had on modern society.

**SS7001A Physical Sciences II**

James J. O'Brien, Jr., Assistant Professor,  
Boston State College

A continuation of the course Physical Sciences I; in this part of the course selected topics from the fields of chemistry and astronomy are studied with the same points of view in mind as in the preceding course.

11:00 a.m.—12:15 p.m.

**SS7003    General Biology II**

Francis J. Veale, Associate Professor,  
Boston State College

A continuation of General Biology I. Emphasizes genetics, ecology and the diversity of life forms. Lectures, discussions, and laboratory work.

**SS8202    Science in the Secondary School**

Maurice Temple, Associate Professor,  
Boston State College

This course will indicate the practices and trends in the teaching of science at the junior and senior high level. Topics to be included will be curricula, the problems of laboratory instruction, classroom demonstrations; the role of the textbook and the use of the audio-visual aids.

**SS8669    General Chemistry I**

Nicholas J. Lembo, Associate Professor,  
Boston State College

The structure of matter, periodicity, states of matter compound formation, properties of solutions will be included in this semester. Classroom lectures and laboratory exercises will be followed in the second semester with a course in Qualitative Analysis.

**SS8845    Conservation of Natural Resources for the  
Classroom Teacher**

Cleveland O. Clarke, Assistant Professor,  
Boston State College

The importance of conservation and resource used as a vital part in the school curriculum will be explored. Areas of concern will include water, soil, forests, wildlife and minerals. Broad concepts and principles will be developed to help teachers integrate conservation with the existing curriculum.

## **EDUCATION**

**SS7201    General Philosophy**

John M. Wallach, Instructor, Boston State College

The aim of this course is to acquaint the student with the philosophic method, the problems of philosophy, and the great philosophers. Attention will be given to discussion of problems and readings from classical and contemporary sources.



11:00 a.m.—12:15 p.m.

**SS8012A Secondary School Methods**

M. James Ryan, Instructor, Boston State College  
See Description for SS8012

**SS8150 Methods of Teaching English in Secondary School I**

Paul M. Donovan, Principal, Boston Public Schools

Techniques involved in the teaching of Usage, Composition, Vocabulary, Literature, and Critical Listening. Discussion of typical classroom situations. Examination of recent studies in the field of secondary-school English.

**SS8162 Reading in the Primary Grades**

Marie L. Boylan, Assistant Professor,  
Boston State College

This course is planned to improve the teaching of reading at the primary level. The importance of readiness as well as currently-popular approaches to the teaching of reading (linguistic programs, basal reader approach, modified alphabet approaches, phonic approaches, programmed reading, language experience approach, and individualized reading) will be studied. Techniques designed to prevent failure and to assure success according to each child's capacity will be demonstrated and practiced. The special needs of the disadvantaged child, the under-achiever and the superior reader will be considered. Attention will be given to the importance of recreational reading and to the development of work-study skills.

**SS8166 Language Arts in Intermediate Grades**

Jean M. Phelan, Instructor, Boston State College

This course will concern itself with the dynamic role of language experiences in the elementary school program. Emphasis will be placed on the interrelationship of the major facets of communication as the vital link in the educational experiences of the child. Current research will be reviewed and attention will be directed to its utilization in school programs designed to meet the complex demands on today's children.

**SS8273 Special Class Methods for  
Emotionally Disturbed Children**

Larry A. Hardison, Head Teacher, Manville School,  
Judge Baker Guidance Center

The purpose of this course will be to examine problems of interaction in the classroom and their effects on teaching methods. Class discussion will be based primarily on readings, student reports, and selected problems in classroom management.



**FOR FURTHER INFORMATION CONCERNING  
YOUR PROGRAM OF STUDY, CONTACT:**

**THOMAS F. DUNGAN**

Director of Continuing Studies

or

**JAMES F. COLLINS**

Assistant to the Director

or

**JOHN R. NEE**

Assistant to the Director

**BOSTON STATE COLLEGE**

625 Huntington Avenue

Boston, Mass. 02115

